Stand Alone Security Devices

ST-1044 Desktop Smart Card Reader

High-quality PC/SC smart card reader with USB connector.

Main Applications

Desktop

- Access Control
- Local and Network Logon
- Single Application Sign-On
- Convenience Replacement for Passwords
- 3-Factor Authentication
- Loyalty and Multi-Application Cards
- PKI (Private Key Infrastructure)
- Digital Signature
- Document Encryption
- Secure Payment for B2B and B2C

Target Markets

- Public Administration
- E-Government
- Military (CAC)
- Border Control
- E-Government
- Transportation
- Education
- Financial
- Point-of-Sales

Key Features

- Card Man 3121 compatible
- Heavy stable base allows one hand operation
- USB 2.0 compatible
- CAC and FIPS 201 certified

Main Part Numbers

ST-1044 Desktop Smart Card Reader

Black housing bottom, light grey housing top

GSA FIPS 201 APPROVED

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ST-1044 Desktop Smart Card Reader

Main Part Numbers

ST-1044

Technical Data

Interface
USB

Power Consumption
max. 100 mA

Smart Card Interface
Reads and writes all ISO 7816 cards supports T=0, T=1, IÇC (S=8), 2 wire (S=10), 3 wire (S=9)

Drivers
CCID, PC/SC, CT-Api

Operating Systems
Windows 98, ME, 2000, XP, CE, Linux

Card Connecting Unit
Approx. 100,000 insertions
Sliding contacts
Landing contacts on request

Smart Card Speed:
412,903 bps

Smartcard Clock Frequency:
4.8 MHz

Cable Length
approx. 1.75 m

Weight
approx. 300 g (without packaging)
approx. 350 g (with packaging)

Dimensions
approx. 75 x 51 x 55 mm (smart card reader)
approx. 60 x 195 x 60 mm (packaging)

Packaging Units
64 readers per box
384 per pallet

Keyswitch Lifetime
> 20 million operations

System Requirements
USB Connection

Insertion Cycles
approx. 100,000

Storage Temperature
-20°C to 60°C

Operating Temperature
0°C to 50°C

Agency Approvals
VDE, GS, cRUus, CE, FCC,
Microsoft WHQL Windows™ 2000, XP
EMV 2000 Level 1

Delivery Volume
Smart card reader, Printed manual, CD-ROM

Warranty
2 Years

For information on repairs or warranty status contact:

Cherry Technical Support

Phone: 800.510.1689
E-Mail: keyboardsupport@cherrycorp.com

Contact

Call, fax or visit our website for more information.

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The manufacturer accepts no liability for errors or non-availability, and reserves the right to change specifications without prior notice.

Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.

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